

IN THE CLAIMS

A1 Claim 1. (Currently Amended) A slurry ~~used for attaching zeolite to a carrier~~, comprising:
a zeolite and an organic emulsion binder selected from the group consisting of vinyl acetate resins, (meth)acrylic-styrene copolymer resins, styrene-butadiene copolymer resins, ethylene-vinyl acetate copolymer resins and styrene-acrylonitrile-alkyl (meth)acrylate copolymer resins dispersed in water, the slurry, upon contact with a carrier, effecting support of the zeolite on the carrier.

Claim 2. (Currently Amended) The slurry ~~used for attaching zeolite~~ according to Claim 1, wherein the zeolite is a hydrophobic zeolite.

Claim 3. (Canceled)

A2 Claim 4. (Currently Amended) The slurry ~~used for attaching zeolite~~ according to Claim 1, having a zeolite content of 30-40 wt %.

Claim 5. (Currently Amended) The slurry ~~used for attaching zeolite~~ according to Claim 1, having an organic emulsion binder content of 3-7 wt % on a dry basis.

Claim 6. (Currently Amended) The slurry ~~used for attaching zeolite~~ according to Claim 1, having a viscosity of 15-20 mPa·s at 20° C.

Claim 7. (Currently Amended) The slurry ~~used for attaching zeolite~~ according to Claim 1, having a pH of 4-6.

Claim 8. (Currently Amended) A method of manufacturing a zeolite-carrying adsorption element, comprising:

causing impregnating a carrier to be impregnated with the slurry according to Claim 1 for carrying zeolite;

drying the carrier;

causing impregnating the carrier ~~to be impregnated~~ with an inorganic binder; and

drying and firing the resulting impregnated carrier.

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Claim 9. (Currently Amended) The method of manufacturing a zeolite-carrying adsorption element according to Claim 8, wherein the inorganic binder is one or more binders selected from the group consisting of silica sol, alumina sol[,] and titanium dioxide sol.

Claim 10. (Original) The method of manufacturing a zeolite-carrying adsorption element according to Claim 8, wherein the carrier is a honeycomb-shaped carrier formed from inorganic fiber paper.

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Claim 11. (New) The slurry according to Claim 6, wherein said viscosity ranges from 15-17 mPa·s at 20° C.

Claim 12. (New) The slurry according to Claim 7, wherein said pH ranges from 5-6.

Claim 13. (New) The method of manufacturing a zeolite-carrying adsorption element according to Claim 8, wherein drying of the carrier after impregnation with said inorganic binder is done at 100-140° C for 45-90 min.

Claim 14. (New) The method of manufacturing a zeolite-carrying adsorption element according to Claim 8, wherein firing of the carrier after impregnation with said inorganic binder is done at 450-550° C for 60-120 min.
